

CLAIMS

1. A method of achieving co-acting services in a data system that includes telephone services and/or data services, wherein the data system includes a first computer system (1) and at least one further, a second, computer system (2), wherein the computer systems each include a computer (10;11) having associated memories, wherein the first and the second computer system respectively are each connected to at least one communications database (3; 4) that includes communications services, particularly telephone and data services, stored as transaction references, i.e. references to transactions, wherein said computer systems are adapted to execute communications services in accordance with a data program, wherein at least a transaction database (5; 6) connected to each computer (10; 11) is caused to contain a pre-determined number of transactions which are identified by said transaction references where each transaction is in the form of parts of a data program and wherein respective computer systems are caused to fetch one or more transactions from said transactions database (5;6) or databases, said transactions together forming a data program for executing said services, and wherein the invention is characterised in that said transactions include instructions relating to said services and also to further services that shall be executed by the data system; in that fetching of transactions for execution in the data system is initiated in response to a call (6) incoming to the system from a telephone or from an external computer to which a communications service is tied in the communications database (3; 4); in that the call includes an information part (7) in the form of an identification (8) of the called party (ID) and an indication (9) of the type of call concerned and in that the first (1) and the second (2) computer systems are caused to have an execution environment such that essentially all execution and instructions from one computer system (1) to the remaining computer systems (2) in said system will be caused to take place through the agency of said transactions; and in that certain transaction references identify transactions which, upon execution, cause the service concerned to be transferred to a computer system (2) other than the call receiving computer system (1) for execution in the beforementioned computer system (2) and in that the information part (7) is transferred together with the transfer of said service.

2. A method according to Claim 1, characterised in that in response to said call the computer system functions of carrying out the steps of identifying the user with regard to at least the user's identity, the type of call concerned and the service called for, and

fetching transaction references from said communications database, whereafter the service is executed.

3. A method according to Claim 1 or 2, **characterised** in that transaction references for
5 the execution of a given service are caused to be transferred from one computer (10) to another computer (11) in the system.

4. A method according to Claim 1, 2 or 3, **characterised** in that all said computer
systems (1,2) are caused to have mutually the same execution environment.

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5. A method according to Claim 1, 2, 3 or 4, **characterised** in that the communications
database (3, 4) is caused to contain references to the transactions stored in the transaction
databases (5, 6).

15 6. A method according to Claim 1, 2, 3, 4, or 5 **characterised** in that the
communications database (3, 4) is also caused to contain references to transactions
relating to the further services that can later be executed in response to a requested
communications service.

20 7. A method according to Claim 1, 2, 3, 4, 5 or 6, **characterised** in that said first
computer system (1) is caused to fetch from said transactions database (5, 6) transactions
corresponding to a service initiated by a direct call or an indirect call from a telephone or
from an external computer via said further computer system (2); in that the first computer
system (1) is caused to distribute transaction references to one or more of said further
25 computer systems (2); in that each of these latter computer systems (2) is caused to fetch
from the transactions database (5, 6) of respective computer systems transactions for
executing the service defined by the transaction references.